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GEOGRAPHIC SCHOOL BULLETINS

of
The National Geographic Society

WASHINGTON 6, D. C.

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VOLUME XXVIII

May 15, 1950

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1. May Opens Busy National Holiday Season
2. Subject Index to GEOGRAPHIC SCHOOL BULLETINS, VOL. XXVIII

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B. ANTHONY STEWART

FROM THE TOP OF WASHINGTON MONUMENT, HOLIDAY VISITORS LOOK AT THE CAPITOL. JULY 4TH (Bulletin No. 1) IS A BUSY DAY FOR SIGHT-SEERS IN WASHINGTON, D. C.

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May Opens Busy National Holiday Season

IRAQ, Paraguay, Norway, Cuba, Hashemite Kingdom of the Jordan, Afghanistan, and the Union of South Africa have at least one thing in common. Each country celebrates its national holiday this month. Four of these widely separated lands are observing their independence day: Paraguay, on the 14th; Cuba (illustration, back cover), on the 20th; Jordan, on the 25th; and Afghanistan (illustration, inside cover), on the 27th.

On May 2, Iraq celebrated the king's birthday. Constitution Day, on the 17th, is Norway's national holiday. For the Union of South Africa, it is Union Day, May 31. Not a national holiday, but a big occasion in Canada and elsewhere in the British world is Empire Day, May 24.

Philippines Share Fourth of July

Only July and September have more national celebrations than May. Thirteen of the 72 independent countries represented diplomatically in Washington, D. C. (illustration, cover), bring out the bunting in July. On the July list are Canada's Canada Day, July 1; the Independence Day of the United States and of the Philippines, July 4; and Bastille Day in France, July 14.

September holds nine of the festive dates. Except for New Zealand's holiday on the 26th, all September national celebrations are in Latin America. Five of the six Central American republics observe September 15 in common, having gained freedom from Spain on that date in 1821. Panama, the sixth, was part of Colombia until 1903, when it seceded on November 3, now its national holiday.

August is tied with May this year, with seven national holidays apiece. May lost one when Israel's celebration moved to April. The Israeli occasion is fixed on the Jewish calendar, which is official in the new country. The date therefore moves from year to year on the Gregorian calendar, which is followed by the Western world.

August also lost a national holiday to April when Wilhelmina of the Netherlands passed her queenly crown to her daughter Juliana. The Netherlands hoist their flags highest on the birthday of their ruler, and the shift was from August 31 in 1948 to April 30 in 1949.

England Waits for Good Weather

No less than ten other states on the Washington diplomatic list also have national holidays that change with the ruler. The list includes Denmark, Egypt, Ethiopia, Great Britain, Iran, Iraq, Luxembourg, Saudi Arabia, Sweden, and Siam (Thailand).

All celebrate the rulers' birthdays except Saudi Arabia whose January holiday marks Ibn Saud's ascent to the throne. Great Britain, with a practical eye to holiday weather, observes George VI's birthday in June, though the anniversary actually comes on December 14. Keeping Britain company with June national holidays are Italy, Sweden, and Iceland.



MAYNARD OWEN WILLIAMS

SYMBOL OF AFGHAN LIBERTY IS THE INDEPENDENCE COLUMN AT KABUL, AFGHANISTAN'S CAPITAL

The "Fourth of July" for the Taxovize Asian land falls on May 27 (Bulletin No. 1). This is the anniversary of the date in 1747 when an Afghan chieftain named Ahmad Khan unified his country and established himself as its first independent native sovereign. Though Britain occupied Kabul in 1839 and 1879, and controlled Afghanistan's foreign affairs for four decades, the country has remained free to the present day.

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- British Honduras:** West Indies "Dominion" Nearer Realization, 2 ills., Dec. 5, 1949.
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- Antarctic:** British Antarctic Scientists Await Rescue, 1 ill., Nov. 14, 1949.
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GEOGRAPHY, MAPS, AND MAP MAKING

- Map Making:** Geographic Maps the "Top of the World," 2 ills., Oct. 17, 1949.
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POLITICAL GEOGRAPHY

- Bases, Air and Military:** Blue West-One Has Greenland's First Hotel, 3 ills., May 8, 1950.
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Additional ill.: Guam, Oct. 10, 1949. Michigan, Men felling, near L'Anse, Feb. 13, 1950. Pennsylvania, Independence Square, Philadelphia, Oct. 31, 1949. United States, On Black Mt. slopes, Cumberland Gap, Nov. 14, 1949; National forest; In Cascade Mts., Oregon, Nov. 7, 1949.
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- Wapiti:** *See* Elk.
- Wildlife:** Big Bend National Park Preserves Old West, 1 ill., May 8, 1950.
Large Creatures Head List of Dying Wildlife, 2 ill., Apr. 24, 1950.
Lemming Migration Drives Snowy Owl South, 1 ill., Feb. 6, 1950.
Teton-Jackson Hole Parks Enriched by Gift, 1 ill., 2 maps, Feb. 6, 1950.
Warm-Blooded Hibernators Mystify Scientists, 1 ill., Dec. 5, 1949.

PHYSICAL GEOGRAPHY

- Canyons:** Ills.: Arizona, Canyon de Chelly, Mar. 27, 1950. Texas, Santa Elena, May 8, 1950.
- Cataracts:** *See* Waterfalls.
- Caves:** Ill.: France, Lascaux Cave, Oct. 31, 1949.
- Cliffs:** Ills.: Formosa, Jan. 9, 1950. Wyoming, In Grand Teton National Park, Feb. 6, 1950.
- Drought:** Drought Perils New York's Water Supply, map, Jan. 9, 1950.
Snowy Survey Helps West Outwit Drought, 2 ill., Nov. 7, 1949.
- Earthquakes:** Ecuador Knows Constant Threat of Nature, 1 ill., map, Oct. 10, 1949.
- Fjords:** Ill.: Greenland, Blue West-One, May 8, 1950.
- Floods:** Shawneetown Unconcerned by Ohio Floods, 1 ill., Feb. 27, 1950.
- Glaciers:** Ill.: Greenland, Blue West-One, May 8, 1950.
- Ice:** St. Lawrence Icebreakers Break 1949 Record, 1 ill., Mar. 27, 1950.
Additional ill.: Netherlands, Skaters, Volendam, Feb. 6, 1950.
- Mountains:** Big Bend National Park Preserves Old West, 1 ill., May 8, 1950.
Cumberland Gap to Honor Pioneers of 1750, 1 ill., Mar. 13, 1950.
Fontana Wouldn't Come to Mountains (Note following Bulletin No. 3), Feb. 13, 1950.
Galax Leaves Make Southern Hiking Pay, 2 ill., Nov. 14, 1949.
Iran's Demavend Dominates Southwest Asia, 1 ill., May 1, 1950.
Kilimanjaro Challenges Ablest Mountaineers, 1 ill., Feb. 13, 1950.
Mt. McKinley May Serve Science in New Role, 1 ill., Mar. 20, 1950.
Swiss Study Atom on Ice Alpine Ridge, 1 ill., Nov. 7, 1949.
Teton-Jackson Hole Parks Enriched by Gift, 1 ill., 2 maps, Feb. 6, 1950.
Tibet, "Roof of the World," Has China Ties, 2 ill., Mar. 6, 1950.
Additional ill.: Australia, Dandenong Mountains, Dec. 19, 1949. China, Around Nankow Pass, Apr. 17, 1950. Greenland, Blue West-One, May 8, 1950. North Carolina, Grandfather Mountain, Oct. 17, 1949. Yemen, Nov. 28, 1949.
- Rivers:** Changing Names Mark Many River Courses, 1 ill., Jan. 23, 1950.
Dual Personality Planned for Niagara Falls, 1 ill., Apr. 24, 1950.
French Canoeers Finish 2,675-Mile Paddle, 1 ill., Jan. 30, 1950.
Po Valley Oil Discovery Adds Welcome Fuel, 1 ill., Oct. 31, 1949.
Regatta Brings New Fame to Marietta, Ohio, 2 ill., May 1, 1950.
River Project to Water Dry Australian Acres, 1 ill., Dec. 19, 1949.
St. Lawrence Icebreakers Break 1949 Record, 1 ill., Mar. 27, 1950.
Shawneetown Unconcerned by Ohio Floods, 1 ill., Feb. 27, 1950.
Yangtze Divides Chinese Wheat, Rice Eaters, 2 ill., Dec. 12, 1949.

Holidays and Celebrations—Continued

- Indiana Marks Sesquicentennial of Territory, 2 ills., Mar. 20, 1950.
Marking Centennial, Minnesota Looks Ahead, 2 ills., Oct. 3, 1949.
May Opens Busy National Holiday Season, 3 ills., May 15, 1950.
Mexico's Fiestas Combine Religion, Gaiety, 2 ills., Jan. 30, 1950.
Shetland Up-Helly-Aa Marks Viking Heritage, 1 ills., Feb. 20, 1950.
Siam Is Set for Returned King's Coronation, 1 ills., Apr. 24, 1950.
- Indians, American:** French Canoeers Finish 2,675-Mile Paddle, 1 ills., Jan. 30, 1950.
Guaymi Indians of Panama Enjoy April Fiesta, 2 ills., Apr. 24, 1950.
Indian Students Relearn Totem-Carving Art, 1 ills., Nov. 28, 1949.
Mexico's Fiestas Combine Religion, Gaiety, 2 ills., Jan. 30, 1950.
Mohawk Valley Marks 200 Years of History, 2 ills., Oct. 24, 1949.
Poor Navajo Lands Have Scenic Riches, 2 ills., Mar. 27, 1950.
Rapid City Comes of Age with Air Age, 1 ills., Nov. 21, 1949.
Shoestring Chile Is Child of Geography, 2 ills., May 1, 1950.
Additional ills.: Argentina, Tehuelche woman, Patagonia, Jan. 23, 1950. Brazil (north border), Arecuna boy eating grasshopper, Jan. 16, 1950.
- Legends and Myths:** Alexander's Gordian Knot Site to Be Probed, 1 ills., Mar. 27, 1950.
England's Coventry Is Three-Sided Symbol, 1 ills., Nov. 28, 1949.
England to Erect Statue to Boy at the Dike, 2 ills., Feb. 6, 1950.
Rice Revives Camaguey, France's "Wild West," 1 ills., Oct. 10, 1949.
Shetland Up-Helly-Aa Marks Viking Heritage, 1 ills., Feb. 20, 1950.
- Medicine and Health:** New Brunswick Gives Thanks for Streptomycin, 1 ills., Dec. 12, 1949.
Additional ills.: Panama, inoculating villagers against yellow fever, May 1, 1950.
- Monuments and Memorials:** Egypt Mysteries Further Unveiled at Saqqara, 1 ills., Jan. 16, 1950.
Haarlem to Erect Statue to Boy at the Dike, 2 ills., Feb. 6, 1950.
New York's Cattle Clinton to Be Restored, 1 ills., May 8, 1950.
South Africa Boers Remember Pioneer Heroes, 1 ills., Feb. 6, 1950.
Additional ills.: Afghanistan, Independence Column, Kabul, May 15, 1950. Dist. of Columbia, Washington Monument, May 15, 1950. India, Victoria Memorial, Calcutta, Oct. 17, 1949. Indiana, Memorial Plaza, Indianapolis, Mar. 20, 1950. Egypt, Sphinx and Great Pyramid, Jan. 16, 1950.
- Museums:** Oslo, Norway Capital, Marks 900th Birthday, 1 ills., May 1, 1950.
Regatta Brings New Fame to Marietta, Ohio, 2 ills., May 1, 1950.
- Music and Musical Instruments:** Bells Proclaim Man's Supreme Moments, 2 ills., Oct. 17, 1949.
Additional ills.: Gombe, Diana, Oct. 8, 1949. Haiti, Drums and gourds, Mar. 6, 1950. Minnesota, Girl and boy at melodeon, Oct. 3, 1949.
- National Geographic Society: Expeditions:** Geographic-Palomar 4-Year Sky Survey Starts, chart, Oct. 10, 1949.
Guaymi Indians of Panama Enjoy April Fiesta, 2 ills., Apr. 24, 1950.
Mt. McKinley May Serve Science in New Role, 1 ills., Mar. 20, 1950.
1949 Expeditions Probed Land, Sea, Air, 1 ills., Jan. 9, 1950.
Map Supplements: Geographic Maps the "Top of the World," 2 ills., Oct. 17, 1949.
Publications: Ill.: Mexican reading National Geographic Magazine, Jan. 30, 1950.
- Pageants and Plays:** Oberammergau Prepares 1950 Passion Play, 1 ills., Mar. 13, 1950.
Shetland Up-Helly-Aa Marks Viking Heritage, 1 ills., Feb. 20, 1950.
- Parades:** Ills.: England, Re-enactment of Lady Godiva's ride, Coventry, Nov. 28, 1949. Formosa, Floats in parade, Taipei, Jan. 9, 1950.
- Parks:** Ill.: Norway, Oslo, Apr. 24, 1950.
See also United States: National Park Service areas.
- Prospectors and Prospecting:** Fishwheel, Gold-Rush Town, New Alaska Name, 1 ills., Nov. 14, 1949.
- Races and Tribes:** Africa's Gold Coast Exports More than Gold, 1 ills., map, Apr. 17, 1950.
Australia Suggests Boomerang for Olympics, 1 ills., Apr. 3, 1950.
Hainan Island Now Chinese Communist Goal, 2 ills., Feb. 20, 1950.
Haiti Beats Drums for Trade and Tourists, 1 ills., map, Mar. 6, 1950.
Italian Libia and Somaliland to Be Free, 1 ills., Dec. 12, 1949.
South Africa Boers Remember Pioneer Heroes, 1 ills., Feb. 6, 1950.
Additional ills.: Afghanistan, Dec. 19, 1949. Algeria, Moors, Algiers, Mar. 27, 1950. Baffin Island, Eskimos, Oct. 17, 1949. Barbados, Girl, Dec. 5, 1949. Belman Congo (2 ills.), Nov. 21, 1949. China, Girls making umbrellas, Yunnan, Dec. 12, 1949. Formosa, Aborigines, Jan. 9, 1950. Greenland, Eskimos (2 ills.), May 8, 1950. Guam, Chamorro woman, Agaña, Oct. 10, 1949. Hawaii, Polynesians, Honolulu, Oct. 24, 1949. Indonesia, Woman cooking, Java: Women and child, Sumatra, Nov. 28, 1949. Libia, Dec. 12, 1949. Mexican, Jan. 30, 1950. New Guinea, Wahgi Valley (2 ills.), Jan. 30, 1950. Nigeria, Moslems, Kano, Mar. 27, 1950. Panama, Guaymi Indian, Apr. 24, 1950. Tibetans carrying dog, Mar. 6, 1950. Virgin Islands, Choctaw caine, Oct. 24, 1949.
- Religious Groups and Ceremonies:** Italian Libia and Somaliland to Be Free, 1 ills., Dec. 12, 1949.
Mexico's Fiestas Combine Religion, Gaiety, 2 ills., Jan. 30, 1950.
Mt. Sinai Monastery Reveals Ancient Records, 1 ills., Jan. 23, 1950.
Punjab Still Readjusting to Partition, 1 ills., Feb. 20, 1950.
Syria-Lebanon Customs Union Breaks Down, 1 ills., Apr. 3, 1950.
Tibet, "Roof of the World," Has China Ties, 2 ills., Mar. 6, 1950.
- Restoration:** New York's Castle Clinton to Be Restored, 1 ills., May 8, 1950.
Ill.: Netherlands, Repairing dike, Walcheren Island, Feb. 6, 1950.
- Shepherds:** Ill.: Palestine, With flock, Bethlehem, Dec. 19, 1949.
- Soldiers:** Ills.: Germany, U. S. soldiers, Bonn, Oct. 3, 1949. Lebanon, British ski troops, Dec. 5, 1949.
- Statues and Images:** England's Coventry is Three-Sided Symbol, 1 ills., Nov. 28, 1949.
Additional ills.: Ceylon, Stone lion claw, Sigiriya, Nov. 14, 1949. Denmark, Little Mermaid, Copenhagen, Mar. 20, 1950. New York, Statue of Liberty, May 8, 1950.
- Totem Poles:** Indian Students Relearn Totem-Carving Art, 1 ills., Nov. 28, 1949.
- Towers:** Ills.: Belgium, Belfry, Ghent, Mar. 13, 1950. Greece, Church towers, Kalavrita, Feb. 13, 1950. Pennsylvania, Independence Hall, Philadelphia, Oct. 31, 1949. Peru, Church towers, Cusco, Oct. 17, 1949.
- Universities and Colleges:** See Educational Institutions.
- Vendors:** Ills.: Celebes, Merchant tying package, Jan. 9, 1950. China, Street vendors, Yunnan, Dec. 12, 1949. Spain, Apr. 3, 1950. Virgin Islands, Fish peddler, Charlotte Amalie, Oct. 24, 1949.
- Water Supply:** Drought Perils New York's Water Supply, map, Jan. 9, 1950.
- Weapons:** Atom Bomb Again to Blast Battered Eniwetok, map, Jan. 16, 1950.
Australia Suggests Boomerang for Olympics, 1 ills., Apr. 3, 1950.
Bahamas Radar Sites to Dot Columbus Route, 1 ills., map, Oct. 31, 1949.
Additional ills.: Afghanistan, Field guns at base of monument, Kabul, May 15, 1950. Indiana, World War I field gun, Indianapolis, Mar. 20, 1950.

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- Animals:** See under name of animal, and under Wildlife.
- Aquariums:** New York's Castle Clinton to Be Restored, 1 ills., May 8, 1950.
Additional ills.: Florida, Marine Studios, Marineland, May 1, 1950.
- Bears:** Censuses Count Birds, Fish, Beasts, People, 2 ills., Nov. 7, 1949.
Warm-Blooded Hibernators Mystify Scientists, 1 ills., Dec. 5, 1949.
- Beetles:** Insects Are Welcome Items on Jungle Menus, 1 ills., Jan. 16, 1950.
Tropic Fireflies Serve as Lamps and Jewels, 1 ills., Dec. 19, 1949.

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- Additional illa.: Africa, Victoria Nile, Mar. 13, 1950. Belgium, Lys (2 illa.), Mar. 13, 1950. China, Hwang Pu at Shanghai, Apr. 3, 1950. Israel, Jordan, Oct. 3, 1949. New York, Mohawk at Little Falls, Oct. 24, 1949. Pakistan, Indus at Lloyd Barrage, Mar. 6, 1950. Texas, Rio Grande, May 8, 1950.
- Seas:** Baltic Sea Is Stormy International Lake, 1 ill., May 8, 1950.
- Snow:** Dead Sea Is Israel's "Chemical Gold Mine," 1 ill., Oct. 3, 1949.
- Additional illa.: Africa, On Kilimanjaro, Tanganyika, Feb. 13, 1950. Alaska, Mt. McKinley, Mar. 20, 1950. Canada, Snowball fight, Quebec, Mar. 27, 1950. China, Urumchi, Oct. 24, 1949. Lebanon, Dec. 5, 1949. Turkey archipelago, May 8, 1950.
- Volcanoes:** Come-and-Go Islets Common in Pacific, 1 ill., Dec. 5, 1949.
- Ecuador Knows Constant Threat of Nature, 1 ill., map, Oct. 10, 1949.
- Fujiyama, "Sacred Peak," Symbolizes Japan, 1 ill., Mar. 13, 1950.
- Waterfalls:** Dual Personality Planned for Niagara Falls, 1 ill., Apr. 24, 1950.
- Weather:** America Leads World in Fall-Color Display, 1 ill., Oct. 17, 1949.
- British Antarctic Scientists Await Rescue, 1 ill., Nov. 14, 1949.
- War and Weather Make Capitals Wander, map, Oct. 24, 1949.

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- General:** British Antarctic Scientists Await Rescue, 1 ill., Nov. 14, 1949.
- Astronomy:** Geographic-Palomar 4-Year Sky Survey Starts, chart, Oct. 10, 1949.
- Additional ill.: California, Palomar Observatory, Jan. 9, 1950.
- Atomic Energy:** Atom Bomb Again to Blast Battered Eniwetok, map, Jan. 16, 1950.
- New Cities Dot Postwar Globe, 1 ill., Mar. 6, 1950.
- Swiss Study Atom on Icy Alpine Ridge, 1 ill., Nov. 7, 1949.
- Botany:** America Leads World in Fall-Color Display, 1 ill., Oct. 17, 1949.
- Cosmic Rays:** Mt. McKinley May Serve Science in New Role, 1 ill., Mar. 20, 1950.
- New Altitude Record Set in Cosmic Ray Research (Note following Bulletin No. 2), Oct. 24, 1949.
- Engineering:** Dam Project in Ceylon Reclaims Lost Land, 1 ill., map, Nov. 14, 1949.
- Drought Perils New York's Water Supply, map, Jan. 9, 1950.
- Fontana Wouldn't Come to Mountains (Note following Bulletin No. 3), Feb. 13, 1950.
- Haarlem to Erect Statue to Boy at the Dike, 2 illa., Feb. 6, 1950.
- Karachi Serves Pakistan as Port and Capital, 1 ill., Mar. 6, 1950.
- 1949 Engineering Emphasizes TVA Methods, 2 illa., Jan. 16, 1950.
- Regatta Brings New Fame to Marietta, Ohio, 2 illa., May 1, 1950.
- River Project to Water Dry Australian Acres, 1 ill., Dec. 19, 1949.
- Shawneetown Unconcerned by Ohio Floods, 1 ill., Feb. 27, 1950.
- Geology:** Big Bend National Park Preserves Old West, 1 ill., May 8, 1950.
- Machinery, Instruments, etc.:** Geographic-Palomar 4-Year Sky Survey Starts, 1 ill., Oct. 10, 1949.
- King Cotton Follows Pioneer Trail West, 1 ill., Apr. 3, 1950.
- Additional illa.: Alaska, Fishwheel, Nov. 14, 1949. Cuba, Machinery unloading sugar cane, Feb. 6, 1950. Denmark, Egg-packing machine, Skive, Apr. 17, 1950. Japan, Portable threshing, Oct. 31, 1949. Oregon, Fulaaki (combined hoe and ax), Umatilla National Forest, Oct. 3, 1949. Switzerland, Stone wheat measures, Gruyères, Nov. 7, 1949.
- Radar:** Bahamas Radar Sites to Dot Columbus Route, 1 ill., map, Oct. 31, 1949.
- Research:** British Antarctic Scientists Await Rescue, 1 ill., Nov. 14, 1949.
- Dolphin and Porpoise to Aid Sub Research, 1 ill., May 1, 1950.
- Mt. McKinley May Serve Science in New Role, 1 ill., Mar. 20, 1950.
- New Brunswick Olives Thanks for Streptomycin, 1 ill., Dec. 12, 1949.
- Additional ill.: Panama, Expedition members, Utiwá, Apr. 24, 1950.
- Zoology:** Warm-Blooded Hibernators Mystify Scientists, 1 ill., Dec. 5, 1949.



ALEXANDER GRAHAM BELL GROSVENOR

ON INDEPENDENCE DAY (May 20), PATRIOTIC CUBANS MILL THROUGH HAVANA'S MORRO CASTLE (foreground), OVER THE MALECÓN (boulevard across water), AND IN THE HIGH-DOMED CAPITOL

